U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER LUCONI1 TRANMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/048013 **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL FILING DATE PRIORITY CLAIMED INTERNATIONAL APPLICATION NO. 25 July 2000 26 July 1999 PCT/EP00/07108 TITLE OF INVENTION PROCESS FOR THE IMPROVEMENT OF SPERMATOZOA FERTILIZATION ACTIVITY APPLICANT(S) FOR DO/EO/US Michaela LUCONI et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. [xx] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay 3. [xx] examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. [xx] The US has been elected in a Demand by the expiration of 19 months from the priority date (PCT Article 31). [xs] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. [] is attached hereto (required only if not transmitted by the International Bureau). b. [XX] has been community

c. [] is not required, as the application was filed in the United States Receiving

decomposition of the International Application as filed (35 U.S.C. 371(c)(2)).

The claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(2)). b. [xx] has been communicated by the International Bureau. c. |] is not required, as the application was filed in the United States Receiving Office (RO/US). 7. [xx] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. [] are transmitted herewith (required only if not transmitted by the International Bureau). U b. [] have been communicated by the International Bureau. c. [] have not been made; however, the time limit for making such amendments has NOT expired. d. [xx] have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 19. | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 頭0. | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). M Items 11. to 16. below concern document(s) or information included: 11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. [] An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. [] A FIRST preliminary amendment. [] A SECOND or SUBSEQUENT preliminary amendment. 14. [] A substitute specification. 15. [] A change of power of attorney and/or address letter. 16. [xx] Other items or information: [xx] Courtesy copy of the International Application as filed. [xx] Courtesy copy of the first page of the International Publication (WO 01/07021). [xx] Courtesy copy of the International Preliminary Examination Report. There were no annexes. [xx] Formal drawings, 7 sheets, Figures 1-7. [xx] Courtesy Copy of the International Search Report.

Applied Research Systems ARS Holding N.V., whose address is Pietermaai 15,

Curacao, Netherlands Antilles.

[xx] The application is (or will be) assigned to:

U.S. APPLICATION NO. (If known, see 37 CFR 1		International Application No.			Attorney's Docket No.		
10/04801	Z PCT/E	PCT/EP00/07108			LUCONI1		
17. [xx] The following fees are submitted:				CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 CFR 1.492 (a)(1) –(5):							
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO							
and International Search Report not prepared by the EPO or JPO\$1040.00							
International preliminary examination fee (37 CFR 1.482) not paid to							
USPTO but International Search Report prepared by the EPO or JPO\$890.00							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but							
international search fee (37 CFR 1.445(a)(2)) paid to USPTO							
International preliminary examination fee paid to USPTO (37 CFR 1.482)							
but all claims did not satisfy provisions of PCT Article 33(1)-(4)							
The state of the Manager (ACCOUNT LAND)							
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)							
and an claims satisfied provisions of PC1 Article 35(1)-(4)							
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$	890.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [20 [XX] 30				\$	130.00		
months from the earliest claimed priorit	y date (37 CFR 1.4	192(e)).					
Claims as Originally Presented	Number Filed	Number Extra	Rate				
Fotal Claims	33 - 20	13	X \$18.00	\$	234.00		
melependent Claims	7 - 3	4	X \$84.00	\$	336.00		
Multiple Dependent Claims (if applicab	le)		+\$280.00	\$			
		E CALCULAT	IONS =	\$ 1	,590.00		
etaims After Post Filing Prel. Amend	Number Filed	Number Extra	Rate				
Total Claims	- 20		X \$18.00	\$_			
Independent Claims	- 3		X \$84.00	\$			
TOTA	AL OF ABOVE	E CALCULATI	ONS =	\$1,	,590.00		
Reduction of ½ for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.				\$			
						······································	
SUBTOTAL =					,590.00		
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30				\$			
the on the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE =				Ø1	,590.00	·	
TOTAL NATIONAL FEE = The for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be				\$,390.00		
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				3			
TOTAL FEES ENCLOSED =				\$1	590.00		
TOTAL TELLOCOLD				+ - ',	Amount to be:	\$	
					refunded	J	
					charged	\$	
a. A check in the amount of \$ to cover the above fees is enclosed.							
b. [XX] Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$ 1,590.00 , is attached.							
c. Please charge my Deposit Account No. 02-4035 in the amount of \$ to cover the above fees.							
A duplicate copy of this sheet is enclosed.							
d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4035. A duplicate copy of this sheet is enclosed.							
to Deposit Account two. 02-1055. A auphicate copy of this sheet is eliclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petitionato revive (37 CFR 1.137(a) or							
(b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO							
SEND ALL CORRESPONDENCE TO:				GIGNATURE			
BROWDY AND NEIMARK, P.L.L.C.				Allen C. Yun			
WASHINGTON, D.C. 20001				VAME 27.07.1			
				37,971 REGISTRATION NUMBER			
FAX: (202) 737-3528			7	Œ0li	O I TOM NUMBER	•	
Date of this submission: January 28, 2002							
Form PTO-1390 (as slightly revised by Browdy and Neimark) Page 2 of 2							

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